

# DATASHEET

## FUJITSU FIBRECAT® TXF RACK BACKUP SUBSYSTEM

Backup in racks - easy, cost optimized and central

The requirements for scalable capacities is increasing due to legal specifications and applications such as e-commerce, web server, e-mail server and graphics data processing (CAD, CAE), and also due to classic multi-tier ERP applications. Such data is the basis for your company. The innovative FibreCAT storage subsystems from Fujitsu Technology Solutions offer high quality, availability and are user-friendly. FibreCAT backup systems make data backup easy, reliable and low-priced. A large range of supported backup devices with SCSI, SAS or USB interfaces make this storage subsystem an individual, flexible solution for use in rack systems and high-availability environments. The FibreCAT backup systems meet the increasing requirements for storage capacity regarding archiving and data backup in data centers und can be used wherever medium to large data quantities have to be saved. FibreCAT storage subsystems from Fujitsu Technology Solutions ensure that this basis of your company is retained.

**FIBRECAT® TXF**

The FibreCAT TXF storage subsystem consolidates data backup in 19-inch rack environments so that

the servers do not have to have their own backup drives. The FibreCAT TXF storage subsystem and its 3 height unit 19" rack housing offer space for backup drives that are directly connected to the servers and which can be installed in PRIMECENTER racks or in standard racks from other manufacturers. The rack installation can be with optional rack mount kits for fixed installation or with full extraction. FibreCAT TXF is available with SCSI, SAS or USB technology. Each I/O module has 4 ports to connect up to 4 servers as well as a power management for remote switch on/off of individual drives or the entire system. Increasing requirements for storage capacity are covered by the following backup drives with DDS Gen5, DDS Gen6, LTO2HH, LTO3HH, LTO4HH and LTO5 HH, DDS Gen5 and DDS Gen6, RDX. Up to four 5.25" backup devices with 1.6" height (HH) can be installed at the front. Non-assigned slots have dummy covers. Optimal ventilation of the backup drives is provided via 2 fans.



MAIN FEATURES	BENEFITS
<ul style="list-style-type: none"><li>■ Front installation of the drives per “warm replace”</li><li>■ Power switch in the front panel and power management for all interfaces (SCSI, SAS and USB)</li><li>■ LED displays status on the front</li><li>■ Serviceability</li></ul>	<ul style="list-style-type: none"><li>■ High availability through individual switchover of a backup device and replace while system is running</li><li>■ Intelligent power management for remote switch on/off of individual drives or the system</li><li>■ Simple monitoring of the system, status LED for all drives and chassis temperature</li><li>■ Replace a drive in the housing without switching off the entire subsystem. Assembly (without tools) of internal components</li></ul>

# TECHNICAL DETAILS

## ACCESSORIES

	DDS Gen 5	DDS Gen 6	LTO-2 HH	LTO-3 HH	LTO-4 HH	LTO-5 HH	RDX
<b>Capacity</b>	36 GB uncompressed / 72 GB compressed	80 GB uncompressed / 160 GB compressed	200 GB (uncompressed) / 400 GB (compressed)	400 GB (uncompressed) / 800 GB (compressed)	800 GB uncompressed / 1600 GB compressed	1500 GB uncompressed / 3000 GB compressed	160, 320, 500 GB
<b>Buffer size</b>	8 MB with full error protection (SDRAM)	16 MB (with parity)	64 MB	64 MB	128 MB	256 MB	
<b>Transfer rate</b>	3 MB/s (uncompressed), 6 MB/s (compressed)	6.9 MB/s (uncompressed), 13.8 MB/s (compressed)	24 MB/s (uncompressed), 48 MB/s (compressed)	60 MB/s (uncompressed), 120 MB/s (compressed)	120 MB/s (uncompressed), 230 MB/s (compressed), Variable 31 - 120 MB/s (LTO4 uncompressed)	140 MB/s (uncompressed), 280 MB/s (compressed), Variable 47 to 140 MB/s (LTO5 uncompressed)	
<b>Recording format</b>	ANSI/ISO/ECMA, DDS-3, DDS-4, DAT 5. Gen.	DAT160, DAT72, DDS-4	Ultrium 1,2	Ultrium 1,2,3	Ultrium LTO4	Ultrium LTO5	
<b>Interface</b>	U2W SCSI LVD USB 2.0	SCSI-3 Ultra 160 USB 2.0	Ultra320 SCSI wide (native)	Ultra320 SCSI wide (native) Serial Attached SCSI 3Gbps	SAS 3Gb/s	SAS 6Gb/s	USB
<b>Dimensions (W x D x H)</b>	147 mm 162 mm x 41 mm	145 mm x 177mm x 206 mm x 41 mm x 40 mm (SCSI) 145 mm x 182 mm x 40 mm (USB)	145 mm	206 mm x 41 mm x 145 mm	146 mm x 205 mm x 41 mm	146.05 mm x 206 mm x 41.65 mm	101.6 mm x 159.4 mm x 41.4 mm (3.5-inch) 146 mm x 171.9 mm x 41.4 mm (5.25-inch)

## GENERAL SYSTEM INFORMATION

<b>Number of bays</b>	4 x 5.25 with 1.6-inch height (HH) per I/O modul for accessible drive
<b>Number of power supply units</b>	1 standard power supply unit with fan
<b>Control via connected server</b>	PCI-Host Bus Adapter (SCSI, SAS) or onboard controller (USB)
<b>TXF SCSI module</b>	4 x ultra 160/320 UHD SCSI ports, Internal cabline:, 4 x point-to-point or USB, 2 x daisy-chain
<b>TXF SAS module</b>	4 x SFF8088 ports, Internal cabling:, 4 x point-to-point
<b>TXF USB module</b>	4 x USB (B) ports, Integrated USB hub (2X), Internal cabling:, 4 x point-to-point
<b>Storage Note</b>	SAS 6Gb/s (device); SAS 3Gb/s (TXF SAS IOM)

## DIMENSIONS / WEIGHT

<b>Dimensions (W x D x H)</b>	482.6 x 704 x 131 mm
<b>Height Unit Rack</b>	3 U
<b>Mounting Cable depth rack</b>	100 mm
<b>Weight</b>	15.5 kg (depending on configuration without LW)
<b>Rack integration kit</b>	Vario carriers with - telescopic rails (full extraction) with cable management or - L-shaped brackets for fixed installation
<b>Noise emission</b>	Measured according to ISO 7779 and declared according to ISO 9296
<b>Sound pressure (LpAm)</b>	30 dB (A)
<b>Sound power (LWAd; 1B = 10dB)</b>	4.7 B
<b>Power supply configuration</b>	
<b>Rated voltage range</b>	100 - 127 V / 200 - 240 V
<b>Rated frequency range</b>	50 - 60 Hz
<b>Rated current max.</b>	2.4A / 1.2A
<b>Active power (max. configuration)</b>	140 W
<b>Heat emission</b>	504.0 kJ/h (477.7 BTU/h)
<b>Power Supply Notes</b>	Values depending on type and quantity of used backup drives.

Product	
Germany	TÜV GS
Europe	EN CE
USA/Canada	FCC Class A CSAc/us ULc/us
Global	CB RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment)
Japan	VCCI Class A
Australia/New Zealand	C-Tick
Taiwan	BSMI
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates/default.aspx">https://sp.ts.fujitsu.com/sites/certificates/default.aspx</a>

#### FUJITSU PLATFORM SOLUTIONS

In addition to Fujitsu FibreCAT® TXF, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

##### Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

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#### MORE INFORMATION

Learn more about Fujitsu FibreCAT® TXF, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. <http://ts.fujitsu.com/Primergy>

#### FUJITSU GREEN POLICY INNOVATION

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2010-08-31 CE-EN